



TROPICAL CYCLONE BULLETIN NO. 21

Typhoon "KIKO" (CHANTHU)

Issued at 11:00 AM, 11 September 2021

Valid for broadcast until the next bulletin at 2:00 PM today

"KIKO" SLIGHTLY WEAKENS AND IS NOW MOVING OVER THE COASTAL WATERS OF ITBAYAT, BATANES

Location of Center (10:00 AM)

The center of the eye of Typhoon "KIKO" was located based on all available **over the coastal waters of Itbayat, Batanes (20.6°N, 121.8°E)**

Intensity

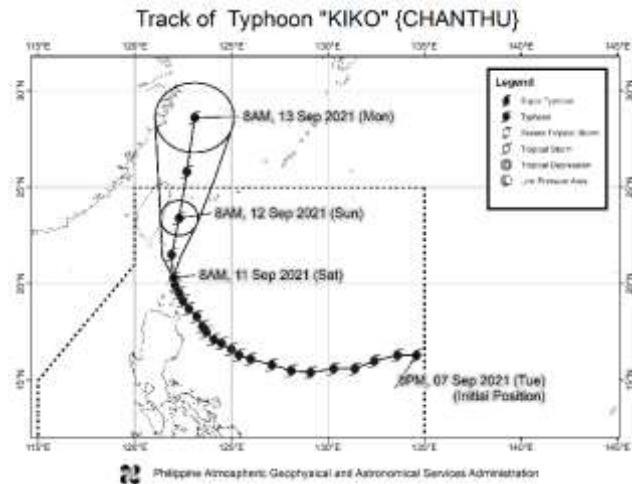
Maximum sustained winds of **205 km/h** near the center, gustiness of up to **250 km/h**, and central pressure of **925 hPa**

Present Movement

North Northwestward at 15 km/h

Extent of Tropical Cyclone Winds

Strong winds or higher extend outwards up to **250 km** from the center



TRACK AND INTENSITY FORECAST

Date and Time	Center Position			Intensity		Movement dir. and speed (km/h)
	Lat. (°N)	Lon. (°E)	Location	MSW (km/h)	Cat.	
12-Hour Forecast 8:00 PM 11 September 2021	21.5	121.9	80 km North of Itbayat, Batanes	195	TY	N 10
24-Hour Forecast 8:00 AM 12 September 2021	23.4	122.3	295 km North of Itbayat, Batanes	185	TY	N 20
36-Hour Forecast 8:00 PM 12 September 2021	25.8	122.7	565 km North of Itbayat, Batanes (outside the PAR)	175	TY	N 20
48-Hour Forecast 8:00 AM 13 September 2021	28.6	123.1	875 km North of Itbayat, Batanes (outside the PAR)	165	TY	N 25

Prepared by:  SMRR

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TROPICAL CYCLONE WIND SIGNALS IN EFFECT			
TCWS No.	Luzon	Visayas	Mindanao
4 (Very destructive typhoon-force winds prevailing or expected within 12 hours)	Batanes	-	-
3 (Destructive typhoon-force winds prevailing or expected within 18 hours)	The northeastern portion of Babuyan Islands (Babuyan Is.)	-	-
2 (Damaging gale-force to storm-force winds prevailing or expected within 24 hours)	The rest of Babuyan Islands	-	-
1 (Strong winds prevailing or expected within 36 hours)	The northern portion of mainland Cagayan (Santa Ana, Gonzaga, Lal-Lo, Gattaran, Lasam, Allacapan, Santa Teresita, Buguey, Aparri, Camalaniugan, Ballesteros, Abulug, Pamplona, Sanchez-Mira, Claveria, Santa Praxedes), the northern portion of Apayao (Flora, Pudtol, Luna, Santa Marcela, Calanasan), and the northern portion of Ilocos Norte (Pagudpud, Adams, Dumalneg, Vintar, Bangui, Burgos)	-	-
Tropical Cyclone Wind Signals hoisted in other areas are hereby lifted.			

HAZARDS AFFECTING LAND AREAS
<p>Heavy Rainfall</p> <ul style="list-style-type: none"> In the next 24 hours, Typhoon "KIKO" will bring heavy to intense with at times torrential rains over Batanes. Moderate to heavy with at times intense rains are also likely over Babuyan Islands, Cagayan, Ilocos Norte, Ilocos Sur, Abra, Apayao, and Kalinga. Under these conditions, scattered to widespread flooding (including flash floods) and rain-induced landslides are possible especially in areas that are highly or very highly susceptible to these hazard as identified in hazard maps. Typhoon "KIKO" will continue to enhance the Southwest Monsoon, bringing monsoon rains over Metro Manila, the rest of Ilocos Region, and the western sections of Central Luzon and Southern Luzon in the next 24 hours. For more information, refer to Weather Advisory #6 for Southwest Monsoon and the 24-Hour Public Weather Forecast issued at 11:00 AM and 4:00 AM today, respectively. <p>Severe Winds</p> <ul style="list-style-type: none"> Winds may reach typhoon-force strength between 171 and 220 km/h within any of the areas where Tropical Cyclone Wind Signal (TCWS) #4 is hoisted during the passage of the typhoon. This may cause generally heavy to very heavy damage to structures and vegetation. Winds may reach typhoon-force strength of up to 170 km/h within any of the areas where TCWS #3 is hoisted during the passage of the typhoon. This may cause generally moderate to heavy damage to structures and vegetation. Winds may reach gale- to storm-force strength within any of the areas where TCWS #2 is in effect. This may result to light to moderate damage to structures and vegetation. Winds reaching strong breeze to near gale strength (i.e., strong winds) will be felt within any of the areas where TCWS #1 is in effect. This may result to up to very light damage to structures and vegetation. In the next 24 hours, the enhanced Southwest Monsoon will also bring occasional gusts reaching strong breeze to near gale strength over the coastal and upland/mountain areas of Luzon that are not under wind signal. <p>Coastal Inundation</p> <p>A moderate to high risk of life-threatening storm surge reaching 2.0 to 3.0 m in height may occur in the next 24 hours. Rising sea water along with the high waves from the shoreline moving inland may cause flooding in the low-lying coastal localities of Batanes and northeastern Cagayan including Babuyan Islands. For more information, refer to Storm Surge Warning #7 for Typhoon "KIKO" issued at 11:00 AM today.</p>

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HAZARDS AFFECTING COASTAL WATERS

- In the next 24 hours, rough to phenomenal seas (2.5 to 15.0 m) will be experienced over the seaboard of areas where TCWS is in effect. Sea travel is risky for all types of sea vessels. Mariners are advised to remain in port or take shelter in port until winds and waves subside.
- Moderate to rough seas (1.2 to 3.5 m) will be experienced over the eastern seaboard of Northern and Central Luzon that are not under TCWS. Sea travel is risky for those using small seacrafts. Mariners are advised to take precautionary measures when venturing out to sea and, if possible, avoid navigating in these conditions.
- Due to the typhoon enhancing the Southwest Monsoon, Gale Warning is currently in effect for the seaboard of Ilocos Norte, Ilocos Sur, Zambales and Bataan, and the western seaboard of Palawan including Calamian and Kalayaan Islands and Occidental Mindoro including Lubang Islands. For more information, refer to Gale Warning #4 issued at 5:00 AM today.

TRACK AND INTENSITY OUTLOOK

- **At 8:30 AM today, Typhoon "KIKO" made landfall over Ivana, Batanes.**
- "KIKO" is forecast to pass very close to Itbayat, Batanes within the next 3 hours. On the forecast track, "KIKO" will move generally northward beginning tonight and pass over the sea east of Taiwan (without ruling out the possibility of landfall). The typhoon is forecast to exit the Philippine Area of Responsibility tomorrow evening or on Monday early morning. Outside the PAR, the typhoon will continue to move northward over the East China Sea.
- Further weakening will continue throughout the forecast period as the typhoon traverses over Batanes area and interacts with the rugged terrain of Taiwan.

Considering these developments, the public and disaster risk reduction and management offices concerned are advised to take all necessary measures to protect life and property. Persons living in areas identified to be highly or very highly susceptible to these hazards are advised to follow evacuation and other instructions from local officials. **For heavy rainfall warnings, thunderstorm/rainfall advisories, and other severe weather information specific to your area, please monitor products issued by your local PAGASA Regional Services Division.**

The next tropical cyclone bulletin will be issued at 2:00 PM today.

DOST-PAGASA

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Checked by:  **JSG**